

Docket No.: 050103-0521



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of	:	Customer Number: 49745
Jianmin WANG, et al.	:	Confirmation Number: 7538
Application No.: 10/782,910	:	Allowed: February 1, 2006
	:	Issue Fee paid: April 28, 2006
Filed: February 23, 2004	:	Group Art Unit: 2877
	:	Examiner: Michael A. Lyons

For: A METHOD AND ARRANGEMENT FOR TOPOGRAPHICALLY CHARACTERIZING
A SURFACE OF A HARD DISK WITH DISTORTION DUE TO DISK MODES REMOVED

**TRANSMITTAL OF POWER OF ATTORNEY BY ASSIGNEE AND
STATEMENT UNDER 37 CFR 3.73(b)**

Mail Stop Issue Fee
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Transmitted herewith is an executed Power of Attorney by Assignee and Statement
Under 37 CFR 3.73(B) for the above-referenced application.

To the extent necessary, a petition for an extension of time under 37 C.F.R. 1.136 is
hereby made. Please charge any shortage in fees due in connection with the filing of this paper,
including extension of time fees, to Deposit Account 500417 and please credit any excess fees to
such deposit account.

Respectfully submitted,

McDERMOTT WILL & EMERY LLP

Bernard P. Codd
Bernard P. Codd
Registration No. 46,429

600 13th Street, N.W.
Washington, DC 20005-3096
Phone: 202.756.8000 BPC:kap
Facsimile: 202.756.8087
Date: June 12, 2006

**Please recognize our Customer No. 49745
as our correspondence address.**

ifw



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POWER OF ATTORNEY BY ASSIGNEE

Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

SEAGATE TECHNOLOGY LLC, assignee of the above-identified application by assignment dated January 16, 2004, a copy of which is attached hereto, hereby appoints Seagate Technology LLC; and the registered practitioners of McDermott Will & Emery LLP, included in the Customer Number provided below with full power of substitution and revocation, to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith.

CUSTOMER NUMBER 49745

Please send all correspondence associated with Customer Number 49745 to:

John A. Hankins
McDERMOTT WILL & EMERY LLP
600 13th Street, N.W.
Washington, DC 20005-3096
Telephone: (202)756-8000

Respectfully submitted,

Dated: 05/31/04

By: Raghunath S. Minisandram

Name: Raghunath S. Minisandram, Esq.
Title: Sr. Director of Intellectual Property



Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

STATEMENT UNDER 37 CFR 3.73(b)

Applicant/Patent Owner: Jianmin Wang et al.

Application No./Patent No.: 10/782,910

Filed/Issue Date: February 23, 2004

Entitled: A METHOD AND ARRANGEMENT FOR TOPOGRAPHICALLY CHARACTERIZING A SURFACE OF A HARD DISK WITH DISTORTION DUE TO DISK MODES REMOVED

Seagate Technology LLC,
(Name of Assignee)

a Limited Liability Company,
(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or

2. ☐ an assignee of an undivided part interest

in the patent application/patent identified above by virtue of either:

A. ☒ An assignment from the inventor(s) of the patent application/patent above. The assignment was recorded in the Patent and Trademark Office at Reel 015026, Frame 0445, or for which a copy thereof is attached.

OR

B. ☐ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: _____ To: _____

The document was recorded in the Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.

2. From: _____ To: _____

The document was recorded in the Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.

3. From: _____ To: _____

The document was recorded in the Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet.

☐ Copies of assignments or other documents in the chain of title are attached.

[NOTE: A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFT Part 3, if the assignment is to be recorded in the records of the PTO. See MPEP 302-302.8]

The undersigned (whose title is supplied below) is empowered to sign this statement on behalf of the assignee.

05/31/06
Date

Raghunath S. Minisandram
Signature

Raghunath S. Minisandram, Esq.
Typed or printed name

Sr. Director of Intellectual Property
Title



UNITED STATES PATENT AND TRADEMARK OFFICE

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

AUGUST 24, 2004

PTAS



102686265A

MCDERMOTT, WILL & EMERY
JOHN A. HANKINS
600 13TH STREET, N.W.
WASHINGTON, DC 20005-3096

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 02/23/2004

REEL/FRAME: 015026/0445
NUMBER OF PAGES: 4

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).
DOCKET NUMBER: 50103-521

ASSIGNOR:
WANG, JIANMIN

DOC DATE: 01/16/2004

ASSIGNOR:
PRESSESKY, JASON L.

DOC DATE: 01/16/2004

ASSIGNOR:
TANG, HUAN

DOC DATE: 01/16/2004

ASSIGNOR:
GUI, JING

DOC DATE: 01/16/2004

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MW&E

015026/0445 PAGE 2

ASSIGNEE:

SEAGATE TECHNOLOGY LLC
920 DISC DRIVE
P.O. BOX 66360
SCOTTS VALLEY, CALIFORNIA
95067-
0360

SERIAL NUMBER: 10782910

FILING DATE: 02/23/2004

PATENT NUMBER:

ISSUE DATE:

TITLE: METHOD AND ARRANGEMENT FOR TOPOGRAPHICALLY CHARACTERIZING A SURFACE
OF A HARD DISK WITH DISTORTION DUE TO DISK MODES REMOVED

VIOLET MCCOY, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS



03-05-2004

FORM PTO-1595
(Rev. 10/02)

RECO:

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

Docket No.: 50103-521

2/23/04

102686265

To the Honorable Commissioner for Patents and Trademarks: Please record in original documents or copy thereto:

1. Name of Conveying Party(ies):

Jianmin WANG, Jason L. PRESSESKEY, Huan TANG and Jing GUI

2. Name and address of receiving party(ies):

Name: SEAGATE TECHNOLOGY LLC

Address: 920 Disc Drive

P.O. Box 66360

Scotts Valley, California 95067-0360

22857 U.S. PTO
10/782910Additional name(s) of conveying party(ies) attached? ☐ Yes ☐ No

3. Nature of Conveyance:

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ Other

Execution Date: January 16, January 16, January 16 and January 16, 2004

Additional name(s) & address(es) attached? ☐ Yes ☐ No

4. Application number(s) or patent number(s):

If the document is being filed together with a new application, the execution date of the application is: January 16, January 16, January 16 and January 16, 2004

A. Patent Application No(s).

10782910

B. Patent No(s).

Additional numbers attached? ☐ Yes ☐ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: MCDERMOTT, WILL & EMERY

Internal Address:

Street Address: 600 13th Street, N.W.

City: Washington State: D. C. Zip: 20005-3096

6. Total number of applications and patents involved:

7. Total fee (37 CFR 3.41)

\$40.00

☐ Enclosed☒ Authorized to be charged to deposit account

8. Deposit account number:

500417

DO NOT USE THIS SPACE

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

John A. Hankins, 32,029

February 23, 2004

Name and Registration No. of Person Signing

Signature

Date

Total number of pages including cover sheet:

OMB No. 0651-0027 (exp. 6/30/2005)

10782910

03/04/2004 00000123 500417

46.00 00 00

01 FC-0021

Docket No.: 50103-521

ASSIGNMENT

WHEREAS WE, WANG, JIANMIN, PRESSESKEY, JASON L., TANG, HUAN and GUI, JING of Fremont, CA, Menlo Park, CA, Los Altos, CA and Fremont, CA, respectively, have made a certain new and useful invention as set forth in an application for United States Letters Patent, entitled A METHOD AND ARRANGEMENT FOR TOPOGRAPHICALLY CHARACTERIZING A SURFACE OF A HARD DISK WITH DISTORTION DUE TO DISK MODES REMOVED, executed by us on the date of execution of this document, as shown below, and filed concurrently herewith;

AND WHEREAS, SEAGATE TECHNOLOGY LLC, a Limited Liability Company of the State of Delaware, and having an address of 920 Disc Drive, P. O. Box 66360, Scotts Valley, California 95067-0360 is desirous of acquiring the entire right, title and interest in and to said invention and in and to any and all Letters Patent of the United States and foreign countries which may be obtained therefor;

NOW, THEREFORE, for good and valuable consideration, the receipt for and sufficiency of which is hereby acknowledged, We do hereby sell, assign, transfer and set over unto SEAGATE TECHNOLOGY LLC, its legal representatives, successors, and assigns, the entire right, title and interest in and to said invention as set forth in the above-mentioned application, including the right of priority and including any continuations, continuations-in-part, divisions, reissues, re-examinations or extensions thereof, and in and to any and all patents of the United States and foreign countries which may be issued for said invention;

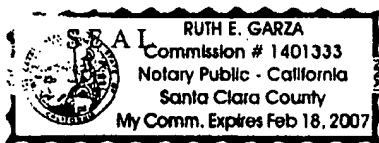
UPON SAID CONSIDERATIONS, We hereby agree with the said assignee that We will not execute any writing or do any act whatsoever conflicting with these presents, and that We will, at any time upon request, without further or additional consideration but at the expense of said assignee, execute such additional assignments and other writings and do such additional acts as said assignee may deem necessary or desirable to perfect the assignee's enjoyment of this grant, and render all necessary assistance in making application for and obtaining original, divisional, continuations, continuations-in-part, reexamined, reissued, or extended Letters Patent of the United States or of any and all foreign countries on said invention, and in enforcing any rights or choses in action accruing as a result of such applications or patents, by giving testimony in any proceedings or transactions involving such applications or patents, and by executing preliminary statements and other affidavits, it being understood that the foregoing covenant and agreement shall bind, and inure to the benefit of the assigns and legal representatives of assignor and assignee;

AND We request the Commissioner for Patents and Trademarks to issue any Letters Patent of the United States which may be issued for said invention to said SEAGATE TECHNOLOGY LLC, its legal representatives, successors or assigns, as the sole owner of the entire right, title and interest in and to said patent and the invention covered thereby.

Date	<u>1/16/04</u>	Jianmin Wang	<u>[Signature]</u>
Date	<u>1/16/04</u>	Jason L. Pressesky	<u>[Signature]</u>
Date	<u>1/16/04</u>	Huan Tang	<u>[Signature]</u>
Date	<u>1/16/04</u>	Jing Gui	<u>[Signature]</u>

STATE OF California)
COUNTY OF Santa Clara) SS:

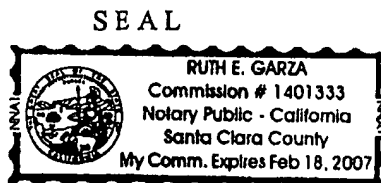
On this 16th day of January, 2004, before me personally appeared Jianmin Wang, to me known to be the person named in and who executed the above instrument, and acknowledged to me that he/she executed the same for the uses and purposes therein set forth.



[Signature]
Notary Public
My commission expires 02/18/2007

STATE OF California)
COUNTY OF Santa Clara) SS:

On this 16th day of January, 2004, before me personally appeared Jason L. Pressesky, to me known to be the person named in and who executed the above instrument, and acknowledged to me that he/she executed the same for the uses and purposes therein set forth.



[Signature]
Notary Public
My commission expires 02/18/2007

STATE OF California)
COUNTY OF Santa Clara) SS:

On this 16th day of January, 2004, before me personally appeared Huan Tang, to me known to be the person named in and who executed the above instrument, and acknowledged to me that he/she executed the same for the uses and purposes therein set forth.



Ruth E. Garza
Notary Public

My commission expires 02/18/2007

STATE OF California)
COUNTY OF Santa Clara) SS:

On this 16th day of January, 2004, before me personally appeared Jing Gui, to me known to be the person named in and who executed the above instrument, and acknowledged to me that he/she executed the same for the uses and purposes therein set forth.



Ruth E. Garza
Notary Public

My commission expires 02/18/2007